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2X
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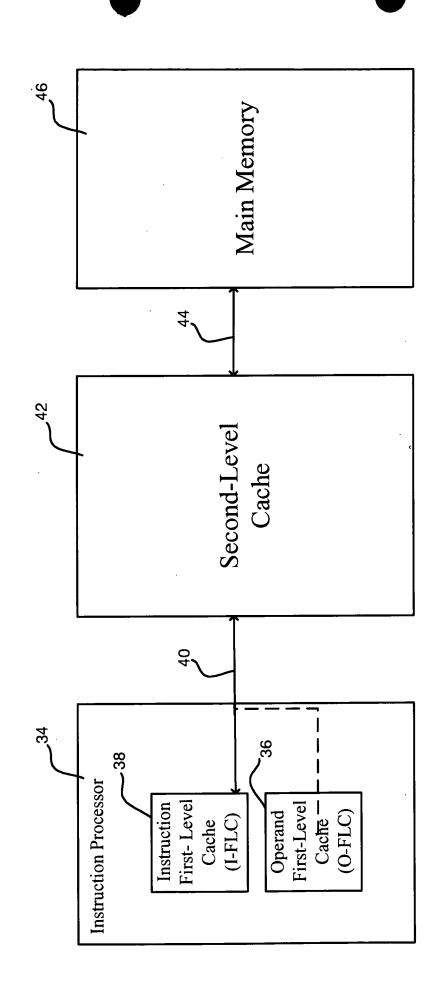
JIG. 1



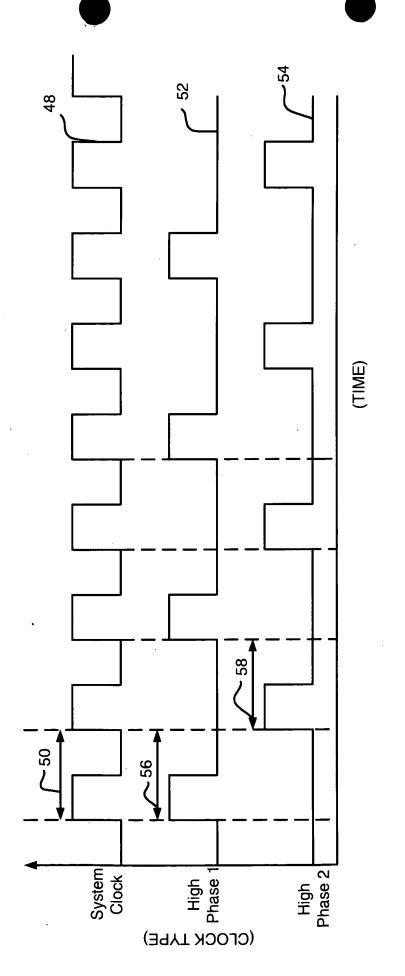
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Time

 $\mathcal{F}IG.2$



£1G.3



£1G. 4

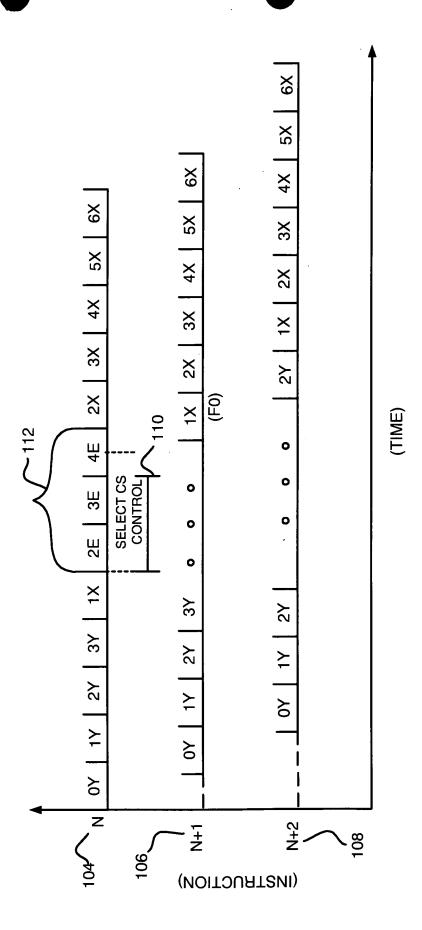
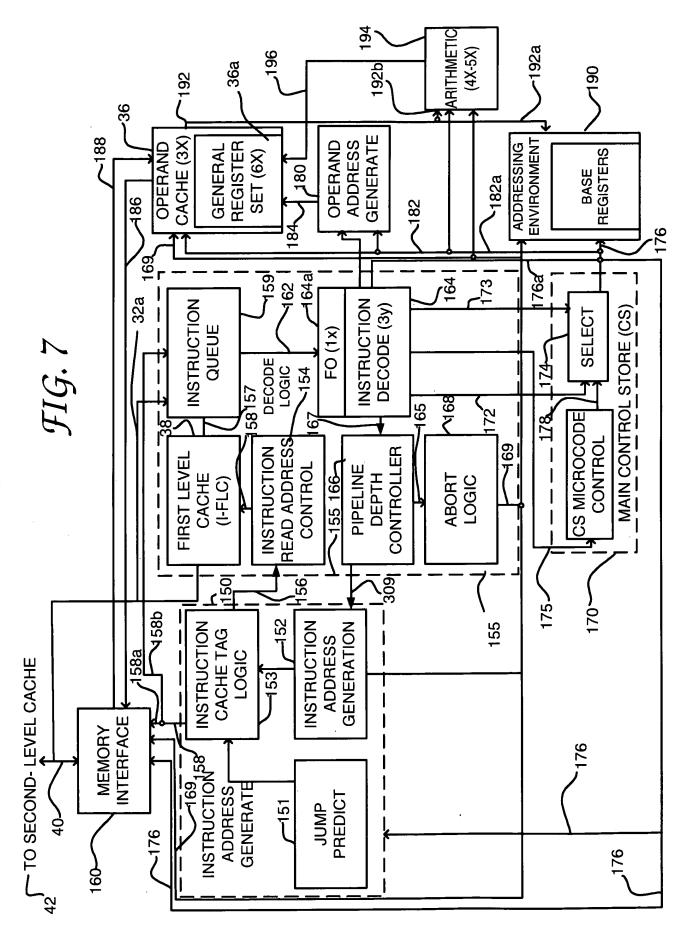
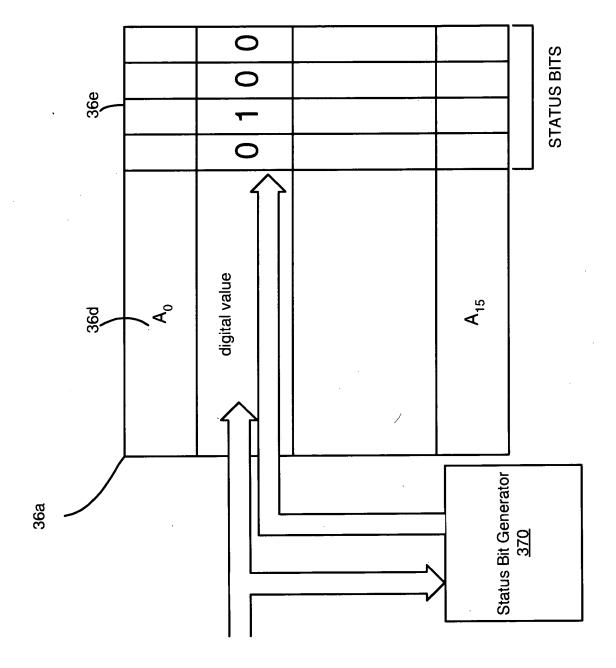


FIG. 6



A(I+16) 344, 304 Conflict Detect Logic 300 A(I+14) 336 £16.8 THE PARTY OF THE P A(I+12) 306 328 324> Jump Look-Ahead Signal 350 A(I+10) 320~ 36c ΞĮ 316> 36b 0-FLC 36 -36e nstruction Register <u>310</u> flag₁₅, flago flag, flag_1 GRS,36a Instruction First Level Cache (I-FLC) A δ Ā 36d

Pre-fetch Signal 352 Instruction A(I+17) Tracking Logic 308 A(I+15) A(I+11) 314 23-9 Queue Signal to Jump Predict Block Pre-fetch Signal Instruction Pre-Fetch Controller 354



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